WHAT IS CLAIMED IS:

1. A *Phaseolus vulgaris L.* garden bean seed designated '210104', wherein a sample of said seed has been deposited under ATCC Accession No. _____.

2. A plant, or its parts, produced by growing the seed of claim 1.

3. Pollen of the plant of claim 2.

4. An ovule of the plant of claim 2.

5. A *Phaseolus vulgaris L.* garden bean plant having all of the physiological and morphological characteristics of the garden bean plant of claim 2, or its parts.

6. A tissue culture of regenerable cells of a bean plant of variety '210104', wherein the tissue regenerates plants capable of expressing all the morphological and physiological characteristics of *Phaseolus vulgaris L.* bean line '210104', representative seeds having been deposited under ATCC number ____.

7. The tissue culture of claim 6, selected from the group consisting of protoplast and calli, wherein the regenerable cells are derived from embryo, meristematic cells, leaves, pollen, embryo, root, root tips, stems, anther, flowers, seeds or pods .

8. A *Phaseolus vulgaris L.* garden bean plant regenerated from the tissue culture of claim 6, capable of expressing all the morphological and physiological characteristics of *Phaseolus vulgaris L.* bean plant '210104', representative seeds having been deposited under ATCC number ____.

9. A method for producing a garden bean seed comprising crossing a first parent garden bean plant with a second parent garden bean plant and harvesting the resultant hybrid garden bean seed, wherein said first or second parent garden bean plant is the *Phaseolus vulgaris L.* garden bean plant of claim 2.

10. A hybrid garden bean seed produced by the method of claim 9.

11. A hybrid garden bean plant, or its parts, produced by growing said hybrid garden bean seed of claim 10.

12. A garden bean seed produced by growing said hybrid garden bean plant of claim 11 and harvesting the resultant bean seed.

13. A method for producing a hybrid bean seed comprising crossing an *Phaseolus vulgaris L.* bean plant according to claim 2 with another, different bean plant.

14. A hybrid bean seed produced by the method of claim 13.

15. A hybrid bean plant, or its parts, produced by growing said hybrid bean seed of claim 14.

16. A bean seed produced by growing said hybrid bean plant of claim 15 and harvesting the resultant seed.

17. A method for producing a '210104'-derived bean plant, comprising:

a) crossing bean line '210104', a sample of seed of said line having been deposited under ATCC accession number _____, with a second bean plant to yield progeny bean seed; and

b) growing said progeny bean seed, under plant growth conditions, to yield said '210104'-derived bean plant.

18. A '210104'-derived bean plant, or parts thereof, produced by the method of claim 17, said '210104'-derived bean plant expressing a combination of at least two '210104' traits selected from the group consisting of: early maturity, medium green pods, straight pods, smooth pods, with a medium pod set height, with a good field holding ability, on a machine harvestable bush, with a good plant adaptability, resistant to Bean Common Mosaic Virus, adapted to the Eastern United States.

19. The method of claim 17, further comprising:

c) crossing said '210104'-derived bean plant with itself or another bean plant to yield additional '210104'-derived progeny bean seed;

d) growing said progeny bean seed of step (c) under plant growth conditions, to yield '210104'-derived bean plant;

e) repeating the crossing and growing steps of (c) and (d) from 0 to 7 times to generate further '210104'-derived bean plant.

20. A further '210104'-derived bean plant or parts thereof, produced by the method of claim 19, said '210104'-derived bean plant expressing a combination of at least two '210104' traits selected from the group consisting of : early maturity, medium green pods, straight pods, smooth pods, with a medium pod set height, with a good field holding ability, on a machine harvestable bush, with a good plant adaptability, resistant to Bean Common Mosaic Virus, adapted to the Eastern United States.

21. The method of claim 17, still further comprising utilizing plant tissue culture methods to derive progeny of said '210104'-derived bean plant.

22. A further '210104'-derived bean plant or parts thereof, produced by the method of claim 21, said '210104'-derived bean plant expressing a combination of at least two '210104' traits selected from the group consisting of : early maturity, medium green pods, straight pods, smooth pods, with a medium pod set height, with a good field holding ability, on a machine harvestable bush, with a good plant adaptability, resistant to Bean Common Mosaic Virus, adapted to the Eastern United States.

23. The *Phaseolus vulgaris L.* bean plant, or parts thereof, of claim 2, wherein the plant or parts thereof have been transformed so that its genetic material contains one or more transgenes operably linked to one or more regulatory elements.

24. A method for producing a bean plant that contains in its genetic material one or more transgenes, comprising crossing the *Phaseolus vulgaris L.* bean plant of claim 23 with either a second plant of another bean line, or a non-transformed bean plant of the line '210104', so that the genetic material of the progeny that result from the cross contains the transgene(s) operably linked to a regulatory element.

25. Bean plants, or parts thereof, produced by the method of claim 24.

26. A method for developing a bean plant in a bean plant breeding program using plant breeding techniques which include employing a bean plant, or its parts, as a source of plant breeding material comprising: obtaining the *Phaseolus vulgaris L.* bean plant, or its parts, of claim 2 as a source of said breeding material.

27. The method of claim 26 wherein the plant breeding techniques are selected from the group consisting of: recurrent selection, backcrossing, pedigree breeding, restriction fragment length polymorphism enhanced selection, genetic marker enhanced selection, and transformation.

28. A bean plant, or parts thereof, produced by the method of claim 26, said bean plant expressing a combination of at least two '210104' traits selected from the group: early maturity, medium green pods, straight pods, smooth pods, with a medium pod set height, with a good field holding ability, on a machine harvestable bush, with a good plant adaptability, resistant to Bean Common Mosaic Virus, adapted to the Eastern United States.

29. The *Phaseolus vulgaris L.* bean plant of claim 5, further comprising a single gene conversion.

30. The single gene conversion bean plant of claim 29, where the gene is selected from the group consisting of: a transgene, a dominant allele, and a recessive allele.

31. The single gene conversion bean plant of claim 29, where the gene confers a characteristic selected from the group consisting of: herbicide resistance, insect resistance, resistance to bacterial, fungal, or viral disease and improved nutritional quality.

32. A bean plant, or part thereof, wherein at least one ancestor of said bean plant is the *Phaseolus vulgaris L.* bean plant of claim 2, said bean plant expressing a combination of at least two '210104' traits selected from the group consisting of: early maturity, medium green pods, straight pods, smooth pods, with a medium pod set height, with a good field holding ability, on a machine harvestable bush, with a good plant adaptability, resistant to Bean Common Mosaic Virus, adapted to the Eastern United States.